



COMPOUND AND SPECIFICATION DATA FOR MASTER SEAL® GRAY EPDM 70 SHORE

**TYPICAL PHYSICAL PROPERTIES OF NEOPRENE BLACK
ASTM D2000 M3BA708 A14, B13, C12, F17, Z1, Z2.**

PROPERTY		VALUE	TEST METHOD
BASE MATERIAL		ETHYLENE PROPYLENE DIENE EPDM	N/A
COLOR		GRAY	N/A
TEST LEVEL		3	GRADE
TEST TEMPERATURE		B 100° C	TYP
VOLUME SWELL		NO REQUIREMENT	ASTM D 471
DUROMETER		70 +/- 5 (SHORE)	ASTM D 2240
TENSILE STRENGTH		8 MPA (1160 psi) MINIMUM	ASTM D 412
ULTIMATE ELONGATION		200 % MINIMUM	ASTM D 412
A14	HEAT AGING	70 hrs. @ 100° C Change in hardness + 15 Pts Change tensile max. -15% Change elongation -40%	ASTM D 573
B14	COMPRESSION SET	22 hrs. @ 100 ° C MAX 35 %	ASTM D 395 B
C12	OZONE RESISTANCE	70 hrs. @ 50 pphm 38° C 100% quality retention	ASTM D 1171
F17	LOW TEMPERATURE BRITTLENESS	3 MINUTES @ -40° C PASS	ASTM D 2137A, 9.3.2
Z1	TARGET HARDNESS	70 SHORE A	ASTM D 2240
Z2	SPECIFIC RUBBER	EPDM	PASS

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Specifications subject to change without notice.